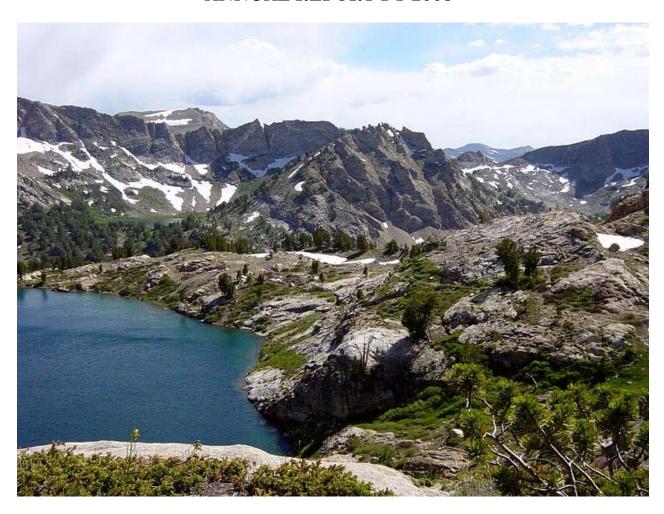


NEVADA DIVISION OF ENVIRONMENTAL PROTECTION CLEAN WATER STATE REVOLVING FUND

ANNUAL REPORT FY 2008



The Rubies - Northeastern Nevada

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I. INTRODUCTION / BACKGROUND:

The State of Nevada, through the Department of Conservation and Natural Resources, Nevada Division of Environmental Protection (NDEP), is pleased to present the Annual Report on the Clean Water State Revolving Fund (CWSRF) for State Fiscal Year (SFY) 2008 (July 1, 2007 through June 30, 2008). This report describes Nevada's efforts to meet the goals and objectives of its Clean Water State Revolving loan program for fiscal year 2008 as identified in the Intended Use Plan (IUP).

The Federal Water Quality Act (the Clean Water Act amendments) of 1987 ended the construction grants program in 1990 and instead, provided federal assistance for transition into a low interest loan program aimed at funding public wastewater projects. The legislation also included a condition that each state must provide 20 percent match to the federal assistance, which also provided more total funds available for loans. Nevada received the first federal assistance for the newly created loan program in the form of a Capitalization Grant awarded on September 29, 1989. After the creation of State statutes and regulations in 1991, Nevada's Clean Water State Revolving Fund (CWSRF) program began. Nevada then issued a bond to provide the 20 percent state match for both the 1989 and 1990 grants and awarded its first loan to the City of Mesquite in September of 1991.

In order to increase available funding for the CWSRF loan program, Nevada also issued its first leveraged bond in 1995, and has since provided approximately \$104 million in leveraged funds to enhance Nevada's ability to fulfill more loan needs. The combination of federal grants, state match, leveraged funds, and principal and interest paid on existing loans has given Nevada the ability to obligate approximately \$295 million into loans since the inception of the CWSRF program in 1991 through FY2008.

Nevada's CWSRF program provides low interest loans to local government entities or other publicly owned facilities for a wide range of wastewater projects. Only projects included on the CWSRF Project Priority List can apply for a loan (see Attachment 1 for FY2008 Project Priority List). Prior to the beginning of each funding period, NDEP conducts a survey of proposed wastewater treatment projects within the state. All eligible loan applicants with a project needing potential funding from the CWSRF must complete a form to provide a description, justification, estimated cost, and implementation schedule of the project. NDEP then reviews each project form received for classification, ranking, and placement onto the Nevada's Project Priority List based on numerous factors including threat to public health and the environment, need due to population growth, etc.

An entity ready to secure a loan from the fund then submits an application. Providing the requesting entity and project are ranked high enough on the finalized Priority List, and the CWSRF has the funds available, the loan binding commitment process begins. At the time of each loan contract, the Nevada program determines the interest rate for each loan at 62.5% of the current Bond Buyer's Index. The average interest rate in FY2008 was a low 2.8750%, making the CWSRF program an excellent choice for project funding.

II. GOALS AND ACCOMPLISHMENTS:

The following long-term and short-term goals and accomplishments are identified in the FY 2008 Intended Use Plan (IUP). The staff of the CWSRF program continually strives to reach and maintain each goal of the IUP. Throughout the next few years, program staff will evaluate each goal and amend, change, or delete it, and add new goals as appropriate due to changes that have occurred since the start of the program in 1991.

A. LONG-TERM GOALS

Long-Term Goal 1: Maintain compliance by all publicly owned treatment works with water quality goals and protect the public health, by assisting in the completion of cost effective projects.

Progress toward Goal 1:

Projects funded from the SRF help eliminate discharges to waters of the state and provide capacity to serve the communities' growing populations. Nevada's CWSRF program funded one project this year to help attain this goal:

• Douglas County Sewer Improvement District received a loan in the amount of \$1,200,000 to build a redundant pipeline to the existing force main that conveys all flow to the treatment plant. The existing force main has had several breaks over the last 10 years and is in need of relief. This project will increase the reliability of wastewater collection in the important Lake Tahoe environment.

Long-Term Goal 2: Provide the best available financial assistance to municipalities and interstate agencies through the management of the SRF.

Progress toward Goal 2:

The state's financial advisor and bond counsel assist NDEP staff and local governments in the administration of the SRF program and in the sale of State Matching Bonds. The Nevada State Treasurer is responsible for managing the SRF monies and for making payments and receiving loan repayments.

One loan was generated in 2008 out of 21 possible projects eligible for funding. Some of the projects not funded are expected to be resubmitted in fiscal year 2009. While timing issues and readiness factors continue to dictate actual loans made, the value of projects on the priority list is nearly 250 million.

Long-Term Goal 3: Ensure technical integrity of the SRF program through adequate and effective planning, engineering reviews and compliance inspection.

Progress toward Goal 3:

The Bureau of Water Pollution Control provides technical support to the Office of Financial Assistance. Other disciplines (chemists, geologists, hydrologists) are available within the Division to provide assistance as necessary.

Although the Bureau of Water Pollution Control has fifteen engineers, only one (1) is dedicated part-time to the CWSRF for a total of approximately 10% FTE. During fiscal year 2008, he performed the following compliance inspections:

Incline Village GID	NEV30009	July 2, 2007	No Compliance Items
Reno-Stead	NEV2008500	Sep. 11, 2007	No Compliance Items
Truckee Meadows	NV0020150	May 30, 2008	No Compliance Items
City of Sparks	NV0020150	May 9, 2008	No Compliance Items
Douglas Co. SID	NEV80033	April 2, 2008	No Compliance Items

Long-Term Goal 4: Ensure proper accounting, audit and fiscal procedures.

Progress toward Goal 4:

The CWSRF accounting functions are performed by the accountant who serves both the Clean Water SRF and the Drinking Water SRF and by the Management Analyst who serves the CWSRF.

The Nevada State Treasurer's staff is well qualified to administer and manage the SRF funds and accounts, specifically cash transactions, bond sales, and loan repayments. The Nevada State's Financial Advisor prepares a comprehensive annual overview of the program, prepares loan repayment schedules, analyzes the funds capability to provide loans and provides other financial services as requested.

The accountant and the management analyst work in tandem to prepare financial statements and reports to assist in funding scenarios and advise the program manager on fiscal and accounting issues.

Long-Term Goal 5: *Maintain an adequate data management system.*

Progress toward Goal 5:

All program data is administered within the Office of Financial Assistance by the CW/DWSRF Administrative Services Officer, the CW/DWSRF Accountant and the CWSRF Management Analyst, using the Loan & Grants Tracking System (LGTS). The LGTS database tracks most program and financial data related to the loan fund and aids in the submission of the National Information Management System (NIMS) report.

Long-Term Goal 6: Administer the CWSRF so that its revolving nature is assured in perpetuity.

Progress toward Goal 6:

The primary function of the CWSRF is to provide loans at attractive rates of interest, in order to encourage municipalities to fund improvements to their wastewater treatment and disposal facilities and non-point source projects.

All loans are backed by the full faith and credit of the loan recipient. To date all loan repayments over the history of the program have been made on schedule.

The Nevada State Treasurer, in accordance with limitations imposed by state law, invests balances of the CWSRF.

The average loan interest rate for FY2008 was 2.875%. Nevada's CWSRF program calculates the interest rate at the time the loan contract is signed using 62.5% of the 20 year Municipal Bond Index rate. Therefore, as market rates increase, loan rates increase; as market rates decrease, loan rates decrease accordingly. In order to determine the best mechanism to set loan rates, the financial advisor and staff will be reviewing the process currently used and explore how other states set rates. The current rate structure however, does appear to provide low rates while allowing the fund to grow sufficiently and insure its lending capacity is maintained.

The following table indicates the loans issued the interest rate for each loan, and a comparison of Nevada's average rate with the average market rate. A more detailed table indicating the total savings to all CWSRF borrowers over the life of each 20-year loan is located in Attachment 6.

Loan Recipient	Loan #	Interest Rate
Douglas Co. Sewer Improvement District	CS32-0711	2.8750%
Average Nevada CWSRF Interest Rate		2.8750%
Average Market Rate		4.6000%
Average Interest Savings for Loan Recipients		1.7250%

B. **SHORT-TERM GOALS**

The following short-term goals were included in the FY 2008 Intended Use Plan.

Short-Term Goal 1: Issue loans in excess of \$20,000,000:

Progress toward Goal 1:

Although there were 21 projects on the priority list, only Douglas County was ready to proceed during FY 2008. Many projects were still in the design and facility planning stages. Entities apply for the priority list even though they might not be ready to ensure that they will not lose funds, should they find that they are able to accelerate their timetable and take the money during the fiscal year. Attachment 2 indicates projects included on the Priority List in FY 2008 but not funded.

Short-Term Goal 2: Give three loans to communities under 10,000 in population.

Progress toward Goal 2: The CWSRF encourages communities under 10,000 in population to apply for loans to provide other forms of financial assistance to assist them in financing the construction of wastewater treatment works and projects to control non-point sources of water pollution.

Short-Term Goal 3: Provide loans to municipalities to assist them in providing adequate wastewater collection treatment and disposal facilities for their rabidly expanding population.

Progress toward Goal 3: Currently there are 21 projects on the CWSRF Priority List that include projects for wastewater treatment plant construction, repair collection system, construction system repair, erosion control activities, water rights acquisitions, landfill closure activities, and underground storage tank removal.

Short-Term Goal 4: Provide the best available financial assistance to municipalities and interstate agencies through the management of the CWSRF.

Progress toward Goal 4: The NDEP will encourage municipalities to use loan and other financial assistance from the SRF to construct projects which will improve and protect the quality of the waters of the state, including projects for the control of non-point sources of pollution.

Short-Term Goal 5: Provide loans to municipalities to assist them in providing adequate wastewater collection, treatment, and disposal facilities for their rapidly expanding population.

Progress toward Goal 5:

One project was ready to construct in 2008 and received a loan from the CWSRF:

• Douglas County Sewer Improvement District received a loan for \$1,200,000.

<u>Environmental Benefit:</u> This project will prevent surcharging in manholes and potential sewage spills from the undersized collection system. Completion of this project will protect public health from possible wastewater contact. Additionally, existing septic systems will connect to the sewer system reducing the concentration of non-point source pollution.

Short-Term Goal 6: The NDEP will encourage municipalities to use loans and other financial assistance from the CWSRF to construct projects that will improve and protect the quality of the waters of the state; including projects for the control of non-point sources of pollution.

Progress toward Goal 6:

Twenty-one (21) projects applied for and were included on the FY 2008 Project Priority List (Attachment 1) with a projected total cost of \$250,000,000.

On a regular basis, staff continues to meet with an umbrella group called Infrastructure of Nevada Communities (INC), which consists of funding entities as well as recipient communities to discuss projects that may need financial assistance.

III. DETAILS OF ACCOMPLISHMENTS:

• Number of loans for fiscal year 2008: 1

• Assistance amount: \$11,052,885.00

• Assistance disbursed: 21

Principal debt service payments: \$5,920,000
Interest debt service payments: \$4,752,213
Average interest rates: 2.8750%
Interest earnings and investments: \$1,242,847

• Match bonds: \$-0-

Principal payments received: \$19,784,772
Interest payments received: \$6,662,761
Administrative expenses from CWSRF: \$506,652
Loan Servicing Fees: \$6,000

• The following table shows the performance of the Nevada CWSRF over the past three state fiscal years as compared with national 2007 targets.

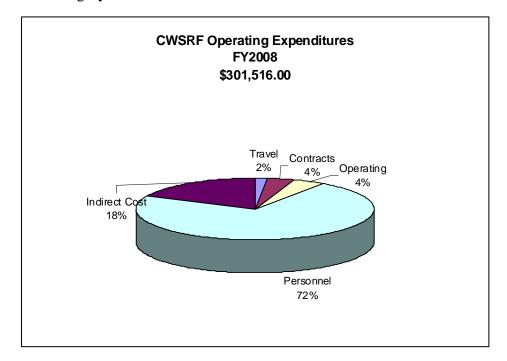
Financial Indicators	Nevada Averages			2007 National Targets
	SFY05	SFY06	SFY07	
Federal Return on	\$2.18	\$2.23	\$2.48	\$2.31
Investment (cumulative)				
CWSRF Assistance as a	90%	95%	102%	97%
% of Funds Available				
Disbursements as a % of	100%	100%	100%	
Executed Loans				

Nevada's federal return on investment (cumulative) continues to rise and exceeded the 2007 national target of 231% indicating that the pace of loans and their disbursements continues to increase. Coupled with disbursements as a % of loans, demonstrate that funds are not sitting in the CWSRF, but are being put to their intended use in a timely fashion helping the program achieve its intended objectives.

The major focus of Nevada's program has always been to move the money out as expeditiously as possible and to bring projects to conclusion as quickly as possible. However, NDEP's control of the pace and timing of loans is limited. Nevada has a small pool of borrowers. The major entities in the state include Clark County in the south and Washoe County in the north. Because the growth rate in the south is so high and the size of the projects so large. With such a small pool of borrowers, it is not inconceivable that in any one year, there may be only one loan (possibly no loans). The indicators in any one-year then will reflect the readiness of the northern borrowers to take the money and construct. While we feel indicators can be of value in assessing program performance, we feel that they are of much greater value when viewed over a longer period than a year. We believe performance over several years gives a more accurate picture of performance for a small State like Nevada. In any case, Nevada always tries to keep the pace high and to loan the money as quickly as projects are ready.

IV. FINANCIAL SUMMARY:

- Currently the CWSRF is considering the possibility of going for an RFP that would secure audit services for conducting audits including 2 years of financial statements.
- **SINGLE AUDIT** The State Controller's office has not submitted a schedule for a Single Audit Act audit for 2007 or 2008. The last single audit done in 2002 had no material findings resulting in the program being placed on a 3-year schedule.
- The CWSRF program sets aside a portion of each Capitalization Grant received by EPA for the administration expenses of the program including personnel costs, travel, operating, contracts and indirect costs. In FY 2008, a total of \$301,516 was spent on the administration of the program. The following chart shows the percentage spent on each category of administration costs:



- The State received one Capitalization Grant in 2008 in the amount of \$5,207,300 of which \$4,999,008 will be available for loans. Additional funds for loans will consist of match bonds, which are general obligation bonds. The 2008 and 2009 match bonds will be derived from the Series 2008G Water Pollution Control Revolving Fund Matching Bond Series. This will allow NDEP to generate the necessary state match funds without having to issue new debt.
- In FY 2006, the CWSRF implemented a loan origination fee for all loans beginning in March 01, 2006. Because of federal cut backs in federal programs, it was necessary to implement loan processing fees to make up for the loss of federal funds. In FY 2008, \$6,000 in loan origination fees were collected and deposited in the CWSRF Loan Servicing account.

V. COMPLIANCE WITH FEDERAL REQUIREMENTS:

- All municipalities in Nevada are audited annually. Copies of the loan recipients' audits are reviewed each year and kept in an audit file.
- The loan contract requires the loan recipient to comply with Federal "crosscutters" as well as other State and Federal requirements.
- There has been no evidence that loan recipients have failed to comply with any of the Federal crosscutters, where applicable, nor any other applicable Federal or State statute or regulation.
- CWA Section 602(b)(3) requires that the state must enter into binding commitments in an amount equal to120% of each capitalization grant payment within 1 year of the date payment was made.
- At the end of FY 2008, the required cumulative binding loan commitments equaled 120% x \$115,160,886 or \$138,193,063 Nevada well exceeded this requirement by the end of FY 2008 with the cumulative binding loan commitments equal to \$295,208,910 (212%), resulting in an overmatch of 92%.
- There was no use of MBE/WBE federal funds in FY 08.
- The NDEP has negotiated the fair share for MBE/WBE/DBE with the EPA MBE/WBE coordinator. Nevada's fair share for MBE is 9.6%, WBE is 15.4%. There is no goal for DBE.
- Given the questions raised regarding MBE/WBE analysis is in the process of addressing questions raised by EPA head quarters regarding methodology used in reaching the final MBE/WBE/DBE figures in the availability analysis itself. The Bureau of Administrative Services has submitted an interim availability analysis that will establish the basis for current fair share negotiations.
- **Defaults on loan payments** There have been no defaults on loans and all loan payments have been received on time.

VI. CERTIFICATIONS:

I hereby certify to the following:

- 1) Grant payments have been accepted and expended in accordance with state law.
- 2) The Nevada Bureau of Administrative Services has administered the CWSRF in accordance with federal laws and regulations and to the best of my knowledge loan recipients have complied with the federal "crosscutters".

Morris Kanowitz SRF Program Manager Nevada Bureau of Administrative Services

FY2008 Priority List PROJECTS NOT FUNDED

FY2008 Priority List Projects Not Funded

Loan Recipient	Project Description	Reason For Not Funding	Permit #
Washoe County CS32-0701	Spanish Springs Effluent Recharge	Not ready to proceed	NEV40024
Washoe County CS32-0102	Spanish Springs Septic to Sewer	Not ready to proceed	NEV40024
Incline Village GID CS32-0809	Replacement of treated effluent discharge pipeline (phased)	Not ready to proceed	NEV30009
Humboldt County CS32-0105	Grass Valley collection & treatment system	Not ready to proceed	No permit
Washoe County CS32-0702	Cold Springs Collection System	Not ready to proceed	NEV40024
Douglas County SID #1 CS-0712	Phase III – Effluent tanks and reservoir lining	Not ready to proceed	NEV80033
City of Ely CS32-0705	Upgrades to Treatment Plant: New Secondary Clarifier	Not ready to proceed	NEV70015
Nye Co. Public Works CS32-0703	Upgrade to the Town of Gabbs treatment plant	Not ready to proceed	NEV70021
City of Reno CS32-0704	Stead Water Reclamation Facility expansion	Not ready to proceed	NV0020168
Town of Gerlach GID CS32-0803	Wastewater treatment pond relining lift station upgrade	Not ready to proceed	NEV20010
Carson City Public Works CS32-0804	Expansion and upgrade of water reclamation facility	Not ready to proceed	No permit

Loan Recipient	Project Description	Reason For Not Funding	Permit #
City of Reno CS32-0801	Expansion of effluent disposal systems and reuse	Not ready to proceed	NV0020168
Panaca Farmstead CS32-0805	Treatment pond relining, lift station upgrades	Not ready to proceed	NEV87045
City of Reno CS32-0802	Effluent reuse extension: Rosewood Golf course to Huffaker Hills	Not ready to proceed	NEV2008500
Douglas County SID#1 CS32-0711	Redundant Forcemain project	Not ready to proceed	NEV80033
Round Hill GID CS32-0806	Pinewild Lift Station upgrades	Not ready to proceed	No permit
Washoe Co. Dept. of Water Resources CS32-0111	Pleasant Valley Interceptor	Not ready to proceed	NV0021539
Washoe Co. Dept. of Water Resources CS32-0411	Verdi Septic to Sewer	Not ready to proceed	NEV92026
City of Reno CS32-0807	Sewer Interceptor Extension from Verdi to California Stateline, septic abandonment	Not ready to proceed	NEV2008500
Lyon County CS32-0808	New Wastewater Treatment plant and collection system for Town Mason	Not ready to proceed	NEV2000500
Washoe Co. Dept of Water Resources CS32-0413	Huffaker Hills Reservoir relining	Not ready to proceed	NEV92026

Attachment 2 Status of CWSRF Projects

Status of CWSRF Projects

Loan Recipient	Loan Closing	Initiation of Operation		
City of Henderson	10/24/91			
C32-1001		00/04/04		
Phase III	-	09/04/91		
Phase IV	-	11/11/91		
Phase V	-	03/29/93		
Phase VI	-	02/06/91		
RIBs	-	03/29/93		
City of Winnemucca C32-1002	12/10/91	05/01/91		
City of Elko C32-1003	12/02/91	06/29/92		
City of Mesquite C32-1004	09/27/91	06/10/91		
City of Yerington C32-1005	10/29/92	06/10/93		
Incline Village GID C32-1006	10/29/92	07/03/93		
City of West Wendover C32-1008	10/27/92	08/01/93		
City of Henderson C32-1010, 1018, 1024	10/29/92	11/01/94		
Fernley Utilities C32-1012	10/28/92	09/01/94		
City of Elko C32-1013	06/21/94			
1st Contract		05/04/95		
2nd Contract		06/26/95		
Elko County Jackpot C32-1014	06/09/94	09/15/94		
Carson City C32-1016	06/27/94			
1st Contract		12/16/94		
2nd Contract		01/10/97		
	05/15/96	08/22/97		
City of Sparks C32-1009				
City of Mesquite C32-1022	10/27/95	07/21/97		
Carson City C32-1011	08/17/95	07/25/97		
Washoe County	08/12/97	07/29/98		

Loan Recipient	Loan Closing	Initiation of Operation		
Washoe County C32-9702	03/26/98	12/10/2002		
Silver Springs C32-9801	07/26/00	03/21/2001		
Carson City C32-9802	08/14/99	10/10/2000		
Lovelock C32-9804	08/14/99	10/17/1999		
City of Elko C32-9905	08/14/99	11/1999		
Indian Hill GID C32-9903	09/01/99	12/05/2000		
Fallon C32-0001	12/15/99	11/02/2000		
City of Sparks C32-9902	03/02/00	02/2001		
WC STM Solids Handling C32-9904	06/30/00	06/30/2001		
WC Horizon Hills C32-9906	06/30/00	06/30/2001		
Battle Mountain CS32-0104	01/02/01	08/01/2002		
Washoe County STMWRF CS32-0108	01/24/01	08/14/2003		
City of Sparks CS32-0110	09/10/01	05/01/2003		
City of Sparks CS32-0101	06/27/02	07/01/2003		
Incline Village GID CS32-0204	10/09/02	05/01/2004		
City of Sparks CS32-0303	10/28/03	03/31/2006		
City of Reno CS32-0405	04/06/04	02/06/2006		
WC Cold Springs CS32-0107	06/11/04	09/29/2005		
City of Reno CS32-0407	07/13/04	02/06/2006		

Loan Recipient	Loan Closing	Initiation of Operation
City of Reno CS32-0403	08/25/04	07/05/2006
City of Sparks CS32-0409	04/19/05	11/30/2005
City of Reno CS32-0112	07/27/05	6/14/2006
Lyon County CS32-0503	08/19/05	05/24/2007
City of Sparks CS32-0408	09/28/05	9/22/2006
Incline Village GID CS32-0404	03/29/06	07/25/2007
Douglas County SID CS32-0502	05/29/06	Open
City of Sparks CS32-0609	11/09/06	Open
Washoe County CS32-0208	8/25/06	06/14/2007
Douglas County SID CS32-0711	8/28/07	Open

Sources of Project Funds

Sources of Project Funds

Project Name	Loan Number	Needs Category	Assistance Amount	Federal Share	State match Bonds	Reloan Funds	Leveraged bond
City of Henderson	C32-1001	II	7,221,110	6,017,592	1,203,518		
City of Winnemucca*	C32-1002	I	1,000,000	833,333	166,667		
City of Elko	C32-1003	I	1,000,000	833,333	166,667		
City of Mesquite*	C32-1004	I	1,280,000	1,066,667	213,333		
City of Yerington	C32-1005	I	1,325,313	1,104,428	220,885		
Incline Village GID	C32-1006	I	3,925,398	3,271,165	654,233		
City of West Wendover	C32-1008	I	2,500,000	2,083,333	416,667		
City of Henderson	C32-1010	I	12,300,000	10,250,000	2,050,000		
Fernley Town Utilities	C32-1012	IIIB	2,000,000	1,666,667	333,333		
City of Henderson	C32-1018	I	12,410,431	10,342,026	2,068,405		
City of Carson City	C32-1016	IVA	2,400,000	2,000,000	400,000		
City of Elko	C32-1013	I	2,500,000	2,083,333	416,667		
Elko County-Jackpot	C32-1014	I	900,000	750,000	150,000		
City of Sparks	C32-1009	II	6,814,488	3,474,100	694,820		2,645,568
City of Carson City	C32-1011	II	2,120,000	1,766,667	353,333		
City of Sparks	C32-1017	IVB	4,700,000	3,916,667	783,333		
City of Mesquite	C32-1022	I	6,600,000	124,206	24,842	6,450,952	
City of Henderson	C32-1024	I	9,504,950				9,504,950
Washoe County	C32-9701	IIIB, IVA	1,249,137	395,502	79,100	774,535	
Washoe County	C32-9702	VI	5,957,456	3,629,030	725,807	695,937	906,683
Silver Springs	C32-9801	IVA	3,000,000			3,000,000	

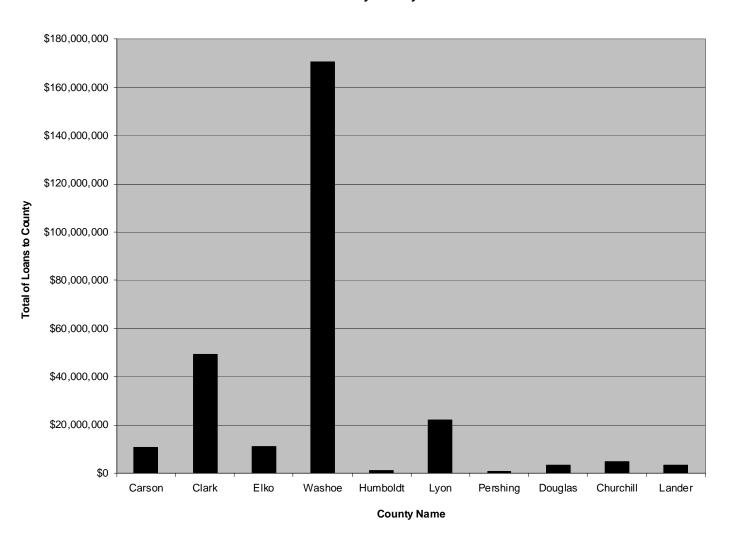
Project Name	Loan Number	Needs Category	Assistance Amount	Federal Share	State match Bonds	Reloan Funds	Leveraged bond
Carson City	C32-9802	I, IV	6,000,582	2,595,932	519,186	2,885,464	
Lovelock	C32-9804	I, IV	876,611			876,611	
City of Elko	C32-9905	I	4,000,000	3,333,333	666,667		
Indian Hills GID	C32-9903	I	1,300,000	955,960	191,192	152,848	
Fallon	C32-0001	I	4,750,000	3,958,333	791,667		
City of Sparks	C32-9902	II	3,070,670	1,444,344	288,869	1,337,458	
Washoe County STM	C32-9904	I	899,228			899,228	
Washoe County Horizon Hills	C32-9906	IIIA, IIIB	178,316			178,316	
Battle Mountain	CS32-0104	II	3,252,846	2,710,703	542,143		
Washoe County STMWRF	CS32-0108	I	21,000,000			1,389,600	19,601,400
City of Sparks	CS32-0110	IVB	7,038,807	5,865,670	1,173,137		
City of Sparks	CS32-0101	II	3,082,359	2,568,632	513,729		
Incline Village GID	CS32-0204	I	2,130,000	1,775,000	355,000		
City of Sparks	CS32-0303	II	9,000,000	2,464,549	492,910		6,042,541
City of Reno	CS32-0405	IIIB	46,523,205			4,209,247	42,313,958
Washoe County Cold Springs	CS32-0107	IIIB	3,000,000	2,500,000	500,000		
Reno-Stead	CS32-0403	I	15,690,010	7,164,834	1,432,967		7,092,209
Reno Rehab Project	CS32-0407	IVA	12,610,785				12,610,785
Sparks Vista-Prater	CS32-0409	IVB	4,209,247				4,209,247
City of Reno	CS32-0112	IVB	8,122,272	6,768,560	1,353,712		
Lyon County	CS32-0503	IIIB	15,980,733	5,732,735	1,146,547	8,047,682	1,053,769
City of Sparks	CS32-0408	IVB	5,862,359	4,885,299	977,060		

Project Name	Loan Number	Needs Category	Assistance Amount	Federal Share	State match Bonds	Reloan Funds	Leveraged bond
Incline Village GID	CS32-0404	IVA	3,000,000			3,000,000	
Douglas County SID	CS32-0502	IIIB	2,000,000			2,000,000	
City of Sparks	CS32-0609	IVB	13,401,271	4,072,608	814,522	8,514,141	
Washoe County	CS32-0208	VI	6,500,000			6,500,000	
Douglas County SID	CS32-0711	IV	1,200,000			1,200,000	

TOTALS		295,387,584	114,404,540	22,910,917	51,392,020	105,981,110

Committed Loan Funds by County FY1992 thru FY2008

Committed Loan Funds by County FY92 Thru FY08



CWSRF Borrower Savings FY1992 – FY2008

State of Nevada Clean Water State Revolving Fund Borrower Savings -- Historical

			Total Paid after		Total Paid after	Borrower	
Borrower	Loan #	Loan Amount	Interest Rate	20 years SRF	Market Rate	20 years Market	Savings
City of Henderson	C32-1001	7,234,185.00	4.00000%	10,578,041.70	6.40000%	12,926,648.08	2,348,606.39
City of Elko	C32-1003	1,000,000.00	4.00000%	1,462,229.91	6.40000%	1,786,883.81	324,653.90
City of Winnemucca	C32-1002	1,000,000.00	4.00000%	1,462,229.91	6.40000%	1,786,883.81	324,653.90
City of Henderson	C32-1010	12,300,000.00	4.00000%	17,985,427.92	6.40000%	21,978,670.91	3,993,242.99
City of Mesquite	C32-1004	1,280,000.00	4.00000%	1,871,654.29	6.40000%	2,287,211.28	415,556.99
City of West Wendover	C32-1008	2,500,000.00	4.00000%	3,655,574.78	6.40000%	4,467,209.53	811,634.75
Fernley Town Utilities	C32-1012	2,000,000.00	4.00000%	2,924,459.82	6.40000%	3,573,767.63	649,307.80
City of Yerington	C32-1005	1,325,313.00	4.00000%	1,937,912.31	6.40000%	2,368,180.35	430,268.04
Incline Village GID	C32-1006	3,925,398.00	4.00000%	5,739,834.37	6.40000%	7,014,230.15	1,274,395.78
City of Henderson	C32-1018	12,410,431.00	4.00000%	18,146,903.43	6.40000%	22,175,998.28	4,029,094.85
Jackpot	C32-1014	900,000.00	4.00000%	1,316,006.92	6.40000%	1,608,195.43	292,188.51
City of Elko	C32-1013	2,500,000.00	4.00000%	3,655,574.78	6.40000%	4,467,209.53	811,634.75
Carson City	C32-1016	2,400,000.00	4.00000%	3,509,351.79	6.40000%	4,288,521.15	779,169.36
City of Sparks	C32-1017	4,700,000.00	3.82500%	6,767,457.01	6.12000%	8,212,400.69	1,444,943.68
Carson City	C32-1011	2,120,000.00	3.82500%	3,052,555.07	6.12000%	3,704,316.91	651,761.83
City of Henderson	C32-1024	9,504,950.00	3.82500%	13,686,029.89	6.12000%	16,608,182.53	2,922,152.65
City of Mesquite	C32-1022	6,600,000.00	3.67500%	9,377,809.80	5.88000%	11,310,755.86	1,932,946.06
City of Sparks	C32-1009	6,814,488.00	3.66300%	9,672,251.93	5.86080%	11,660,129.11	1,987,877.19
Washoe County	C32-9701	1,249,137.00	3.33125%	1,721,125.98	5.33000%		325,014.55
Washoe County	C32-9702	5,957,456.00	3.25000%	8,148,542.04	5.20000%	9,653,466.66	1,504,924.62
City of Lovelock	C32-9804	876,611.00	3.23000%	1,196,852.86	5.16800%	1,416,667.38	219,814.52
City of Elko	C32-9905	4,000,000.00	3.23000%	9,557,226.69	5.16800%	11,312,511.08	1,755,284.39
Carson City	C32-9802	6,000,582.00	3.23000%	8,192,703.20	5.16800%	9,697,378.62	1,504,675.42
Silver Springs	C32-9801	2,700,000.00	3.50000%	3,776,985.84	5.60000%	4,522,485.77	745,499.93
Indian Hill GID	C32-9903	1,300,000.00	3.48000%	1,815,296.32	5.56800%	2,171,771.71	356,475.39
Fallon	C32-0001	4,750,000.00	3.67000%	6,746,183.60	5.87200%	8,135,027.94	1,388,844.34
City of Sparks	C32-9902	3,070,670.00	3.71000%	4,376,632.82	5.93600%	5,286,326.92	909,694.10
Washoe County	C32-9906	178,316.00	3.70000%	253,928.77	5.92000%	306,582.87	52,654.10
Washoe County	C32-9904	899,228.00	3.70000%	1,280,534.89	5.92000%	1,546,063.73	265,528.84
Battle Mountain	C32-0104	3,252,846.00	3.28000%	4,461,277.38	5.24800%	5,292,067.03	830,789.65
Washoe County	C32-0108	21,000,000.00	3.12500%	28,400,138.12	5.00000%	33,462,435.86	5,062,297.74
City of Sparks	C32-0110	7,038,807.00	3.13750%	9,530,004.56	5.02000%	11,234,879.31	1,704,874.76
Washoe County	CS32-0107	3,000,000.00	3.21250%	3,922,575.89	5.14000%	4,545,925.80	623,349.91
City of Sparks	C32-0101	3,082,361.00	3.21250%	4,201,745.72	5.14000%	4,969,662.98	767,917.25
Incline Village GID	C32-0204	2,130,000.00	3.14375%	2,885,492.90	5.03000%	3,402,626.52	517,133.63
City of Sparks	CS32-0303	9,000,000.00	3.05000%	12,088,743.13	4.88000%		2,107,768.66
City of Reno	CS32-0405	46,523,205.00	2.75625%	60,830,267.39	4.41000%	70,497,012.63	9,666,745.24
City of Reno	CS32-0407	12,610,785.00	3.11250%	16,938,726.73	4.98000%	19,892,128.67	2,953,401.93
City of Reno	CS32-0403	15,690,010.00	2.98750%	21,074,722.30	4.78000%	24,749,268.00	3,674,545.70
City of Sparks	CS32-0409	4,209,247.00	2.88125%	5,567,304.95	4.61000%	6,488,833.65	921,528.69
City of Reno	CS32-0112	8,122,272.00	2.65000%	10,516,379.37	4.24000%	12,127,993.34	1,611,613.97
Lyon County	CS32-0503	15,980,733.00	2.93130%	21,233,841.35	4.69008%	24,804,440.30	3,570,598.96
City of Sparks	CS32-0408	5,862,359.00	2.66000%	7,597,364.46	4.25600%	8,765,709.75	1,168,345.29
Incline Village GID	CS32-0404	3,000,000.00	2.72500%	3,911,288.62	4.36000%	4,526,344.34	615,055.72
Douglas County SID	CS32-0502	2,000,000.00	3.23750%	2,732,488.69	5.18000%	3,235,390.50	502,901.81
City of Sparks	CS32-0609	13,401,471.00	3.70000%	19,083,919.82	5.92000%	23,041,118.59	3,957,198.77
Washoe County	CS32-0208	6,500,000.00	2.93130%	8,636,648.19	4.69008%	10,088,952.86	1,452,304.67
Douglas County SID	CS32-0711	1,200,000.00	2.87500%	1,586,254.65	4.60000%	1,848,297.41	262,042.76
Total SRF Savings to Borre		1,200,000.00	2.01000/0	1,000,207.00	7.00000/0	1,070,201.41	76,422,914.76

FY2008 FINANCIAL STATEMENTS (TO FOLLOW)

Attachment 7 ENVIRONMENTAL NARRATIVE

FY2008

Project Priority List Environmental Statements

CS32-0701

Washoe County: Spanish Springs effluent recharge

This project is to install a sewer collection system in the Spanish Springs area to extend wastewater treatment to the unsewered region. Tertiary treated effluent from the jointly owned plant in Sparks will be pumped back to the area for reuse. This project will conserve water in the basin and reduce the level of pollution from on-site systems.

CS32-0102

WASHOE COUNTY: SPANISH SPRINGS SEPTIC-TO-SEWER

This project is to help defray the large costs associated with paying connection fees to the proposed sewer. Benefit includes removal of septic tanks in the area and protection of the aquifer and public drinking water supply.

CS32-0809

INCLINE VILLAGE GID: REPLACEMENT OF TREATED EFFLUENT DISCHARGE PIPELINE

The subject effluent discharge pipeline traverses from Incline Village, Lake Tahoe down into the Carson Valley in Douglas County to wetlands. It has been documented that the pipe is leaking in the Lake Tahoe Basin area and could cause contamination to a fragile environment. Replacement of line will protect Lake Tahoe and public health. Lake Tahoe is both a drinking water source and highly sensitive lake environment for numerous aquatic species. This project will cover the replacement of main from Junction of Highway 28 and U.S. 50 to 1000 feet north of Spooner Meadows.

CS32-0105

Humboldt County: Grass Valley collection & treatment system

Grass Valley has areas of high density where the method of sewage disposal is septic tanks. An ongoing study by Humboldt County indicates nitrate pollution in the valley groundwater that is a direct result of septic effluent. The construction of this treatment facility would protect the valley aquifer that is used for a drinking water supply.

CS32-0702

Washoe County - Cold Springs collection system

This project will extend the collection system in the Cold Springs Valley of Washoe County for service at the County treatment plant. This project will benefit the basin by removing homes that are currently on septic systems to connect to the County plant.

CS32-0712

Douglas County SID #1: Round Hill Reservoir lining project & Effluent Tanks

Presently, secondary treated effluent is stored in an unlined reservoir within the Lake Tahoe Basin prior to pumping over to Carson Valley in Douglas County for agricultural irrigation. NDEP is concerned that excessive reservoir leakage has or may impact Lake Tahoe water quality. Therefore, Douglas County has been directed by NDEP to line the reservoir in accordance with the state standards for a storage pond.

CS32-0705

City of Ely – Upgrades to treatment plant: New Secondary Clarifier

This project involves the upgrade of the Ely treatment plant to improve the plant reliability in meeting its discharge permits. The present system has an undersized secondary clarifier that does not provide any flexibility for operations. This project will provide for a more efficient treatment plant.

CS32-0703

Nye County Public Works – Upgrade to the town of Gabbs treatment plant

This project involves the rehabilitation of the wastewater treatment ponds in the Town of Gabbs, to meet the current state standards for a treatment system. The ponds will be lined to reduce the infiltration of wastewater to the subsurface and the treatment levels enhanced by proper design.

CS32-0704

City of Reno – Stead Water Reclamation Facility Expansion

The Stead Water Reclamation facility is a tertiary treatment facility that discharges effluent to Lemmon Lake and to reuse irrigation sites. This project is for the expansion of the treatment facility to handle the rapid growth rate in the north valleys. Water conservation and the preservation of wildlife habitat are the benefit of this project.

CS32-0803

Town of Gerlach GID – Treatment Pond Relining, Lift Station Upgrades

The Town of Gerlach operates a small wastewater treatment system that serves 200 residents. The treatment system consists of a facultative pond system and small collection system. This project will enhance the operation of the ponds and install a suitable liner in the pond. Also, upgrades to increase the reliability of the main lift station will be completed.

CS32-0804

Carson City Water Reclamation Facility – Plant Expansion and Upgrade

The Carson City Water Reclamation Facility consists of a secondary treatment facility that serves a population of 50,000. This upgrade will expand the treatment capacity to handle growth in the City and will improve the treatment quality to reduce the concentration of nitrogen in the effluent. This project will enhance the water quality that goes to reuse and effluent storage. Effluent storage is an ancillary concern as the main reservoir, Brunswick Reservoir, is leaking beyond the allowable standards.

CS32-0801

City of Reno – Stead expansion of treated effluent disposal and reuse

The population growth rate in Stead (North of Reno) has been rapid and requires the City to plan for future effluent disposal site development. This project will design and construct acceptable effluent disposal system for the Stead Water Reclamation Facility.

CS32-0805

Panaca Farmstead – Wastewater Treatment Pond and Lift Station

The Panaca farmstead wastewater collection system and treatment pond serves approximately 800 residents. This project will upgrade the main influent lift station and enhance the pond liner in several of the treatment ponds. This will reduce the amount of infiltration from the ponds and protect the groundwater quality of this area.

CS32-0802

City of Reno – Treated Effluent Extension for the Truckee Meadows WRF

The City of Reno will extend its treated effluent irrigation main from Rosewood Lakes down south to the Huffaker Hills Reservoir. This project will provide treated effluent to the southern portions of Reno, conserving potable water for this region.

CS32-0711

Douglas County Sanitation District #1 – Redundant Forcemain Project

This project will entail the construction of a redundant pipeline to the existing forcemain that conveys all flow to the treatment plant. The existing force main has had several breaks over the last 10 years and is in need of relief. This project will increase the reliability of wastewater collection in this important lake environment.

CS32-0806

Round Hill GID – Pinewild Lift Station Upgrades

This small project will benefit the Lake Tahoe Basin by enhancing the reliability of operations for this critical lift station. New pumps and a generator will be added to the lift station.

CS32-0111

Washoe County: Pleasant Valley interceptor

Rapid growth in southern Washoe County where septic tanks have been used as a method of sewage disposal is a potential threat to the water supply. The Pleasant Valley Interceptor is a septic-to-sewer project that will allow conveyance of wastewater to a water reclamation facility which provides treated effluent for irrigation.

CS32-0411

Washoe County: Verdi septic-to-sewer

Sewering of residences and businesses in the Verdi area will allow for elimination of this non-point source of pollution. Given the proximity of the Truckee River to this community, this project will protect both groundwater resources and the river water quality.

CS32-0807

City of Reno: Sewer Interceptor Extension for Verdi to Stateline

This project will continue the extension of the new Verdi interceptor through the areas of Verdi that are presently served by individual sewage disposal systems. This will enhance groundwater quality in the basin be removing this pollution source.

CS32-0808

Lyon County: Town of Mason Wastewater Treatment System

The Town of Mason consists of approximately 1,000 residents and does not presently have a community wastewater treatment system. This project will involve the construction of a secondary treatment plant and sewer collection system. Residence that are presently on ISDS's will be transferred over to the community system. This will better protect the groundwater quality for this region.

CS32-0413

Washoe County: Huffaker Hills Reservoir relining

This storage reservoir contains treated effluent from the Washoe County South Truckee Meadows Facility. Engineering analysis of the reservoir has demonstrated excessive seepage from the earthen reservoir beyond what is allowed by NDEP.

To protect the regions groundwater quality and maximize the volume of treated effluent, the county will re-line the reservoir to prevent excess water loss through the ground under the reservoir.

Attachment 8 ENVIRONMENTAL BENEFITS FORM

PROGRAM INDICATORS (SEPARATE ATTACHMENT)

